

Leading Population Health Improvement

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Testing

This is a *sample* book written in **Markdown**. You can use anything that Pandoc’s Markdown supports; for example, a math equation $a^2 + b^2 = c^2$.

Usage

Each **bookdown** chapter is an .Rmd file, and each .Rmd file can contain one (and only one) chapter. A chapter *must* start with a first-level heading: **# A good chapter**, and can contain one (and only one) first-level heading.

Use second-level and higher headings within chapters like: **## A short section** or **### An even shorter section**.

The **index.Rmd** file is required, and is also your first book chapter. It will be the homepage when you render the book.

Render book

You can render the HTML version of this example book without changing anything:

1. Find the **Build** pane in the RStudio IDE, and
2. Click on **Build Book**, then select your output format, or select “All formats” if you’d like to use multiple formats from the same book source files.

Or build the book from the R console:

```
bookdown::render_book()
```

To render this example to PDF as a **bookdown::pdf_book**, you’ll need to install XeLaTeX. You are recommended to install TinyTeX (which includes XeLaTeX): <https://yihui.org/tinytex/>.

Preview book

As you work, you may start a local server to live preview this HTML book. This preview will update as you edit the book when you save individual .Rmd files. You can start the server in a work session by using the RStudio add-in “Preview book”, or from the R console:

```
bookdown::serve_book()
```

testing tikz for causal graphs

Testing tikz for causal graphs

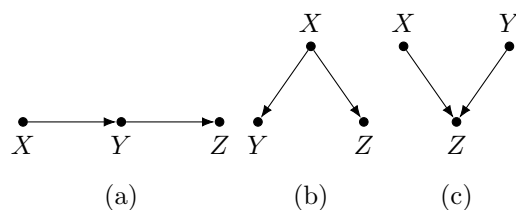


Figure 1: Some caption

testing running Julia

```
x = [1, 2, 3]
```

```
## 3-element Vector{Int64}:
##  1
##  2
##  3
```

Preface

Parts

1. Leadership foundations
2. Performance improvement
3. Decision intelligence
4. Science and technology

Chapter 1

Introduction and theory of change

Part I

Leadership foundations

Chapter 2

Cultivating a leadership philosophy

Chapter 3

Transforming self and interpersonal relationships

Chapter 4

Transforming teams and collaboratives

Chapter 5

Transforming organizations and communities

Part II

Performance improvement

Chapter 6

Scientific problem solving

Chapter 7

Lean management and production

Chapter 8

Results-Based Accountability

Chapter 9

Collective impact

Part III

Decision intelligence

Chapter 10

Behavioral economics

Chapter 11

Decision quality requirements

Chapter 12

Structured decision making

Chapter 13

Thinking with Bayesian networks

Part IV

Science and technology

Chapter 14

Implementation science

Chapter 15

Population health data science

Chapter 16

Scientific computing with Julia or R